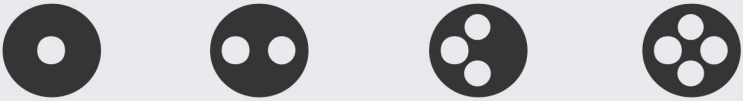
SYNTIK-DR

drum synthesizer



TEK'IT AUDIO

user manual

Syntik-DR

USER MANUAL

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All questions concerning this License Agreement shall be directed to:
e-mail: contact@tekit-audio.com
web: http://tekit-audio.com

Overview

Thank you for choosing Syntik-DR, Tek'it Audio's electronic drum synthesizer. Syntik-DR use a work-flow based on layering to produce typical drum sounds often heard in analogue synthesizers and drum-box but also a wide spectrum of sounds used in modern productions like deep layered kicks, lo-fi percussions, out of this world fx and distorted rave kicks.

We hope you enjoy this software, and love creating music with it. Please, take the time to read this manual and learn how to exploit all the feature of Syntik-DR.

Feature highlights

- ► 4 shapes, Sine, Triangle, Saw, Pulse.
- ► 4 sound layers.
- ► 4 intregrated effects.
- ► 3 distortion types, Overdrive, Hard-clip and Fold-back.
- ► Low pass, High pass and Band pass filter mode.
- ► FM with 7 selectable waveforms.
- ► Full MIDI automation support.
- ► Easy MIDI learn on all parameters.
- ► Preset manager, rename, copy, save, load...
- ► Undo your changes to initial preset value.
- ► One click preset randomize.
- ► 128 Factory presets.

Requirements

This software is a "Virtual Studio Technologies" plug-in (VST), he work only with VST 2 compatible host software or on other host through the use of a VST adapter. It requires a host that transmit transport and tempo messages to work properly.

System requirements:

Operating System

• Microsoft® Windows® 8, 7, XP (SP2 or later), or Vista™.

CPU

• 1,5 GHz or higher with SSE2.

Memory

• 512 Mb RAM or higher.

Graphics

• 800x600 32 bit.

Audio

• Audio interface with ASIO driver support recommended and minimum 44kHz samples rates.

MIDI

• To use the automation a Host with automation features and for MIDI learn a MIDI interface and an external MIDI control device is required.

Installation

1. Simply run the installer program by double-clicking it, and follow the on-screen instructions.

Syntik-DR
drum synthesizer
Bienvenue dans l'assistant d'installation de Syntik-DR
Cet assistant va vous guider dans l'installation de Syntik-DR version 1.0 sur votre ordinateur.
Il est recommandé de fermer toutes les applications actives avant de continuer.
Cliquez sur Suivant pour continuer ou sur Annuler pour abandonner l'installation.
Tek'it Audio
Suivant >
Annuler

2. Run your host software and load Syntik-DR. Consult your host documentation for information on how to do this.

Our un-installer keep your system clean, all the files are deleted and there are no entry left in your Windows registry.

Trial Version

The trial version of Syntik-DR gives you full functionality, but a nag-screen will pop and the plug-in need to be relaunched after ten minutes.

To avoid this restrictions, you will need to purchase the full version. You can buy a license at http://tekit-audio.com/shop/

Using

Control Types

While using Syntik-DR, you will find that many parameters have similar controls. Hovering your mouse over a control will bring up a tool-tip with its name or description.

Knob

To Turn a knob, click it and when drag upwards to move the knob to the right, drag downwards to move the knob to the left. For hight precision control use Ctrl+Mouse. Double-click on it, reset it to the initial value of the preset.

Popup Menu

Appears on a left click or right-click on a text or an icon to select a value.

Switch

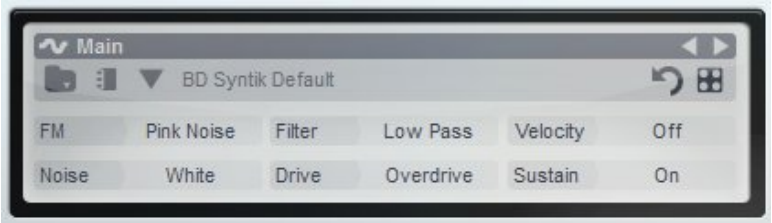
A two position switch, click on it to change the position.

Layers

One of the most important feature of Syntik-DR is the Layers. Using them you can create complex textures and massive drum kicks.

In Syntik-DR you can use up to four layers per presets to create your sound. Click on one of the layer switches to select the desired layer and use the controls to edit this layer, this include the screen parameters and all the knobs.

Screen



To change a value on the screen, simply click on it.

Additionally you can change the waveform and the filter type with the two selectors below.

Preset

Syntik-DR comes with a default bank of 128 presets.

Preset Change

Change the current preset, left to previous and right to next.

Undo All Changes

Undo all your changes to their initial preset value. If you change the preset before it does not work, because your changes are saved automatically when you switch to another preset.

Randomize

Randomize all parameters except Level and Pan.

Manage Preset And Bank

Open the preset manager pop-up menu.

Copy Preset

Copy the current preset to another preset or a range of presets.

Load Preset

Load a preset in (*.fxp) file format on the current preset.

Save Preset

Save the current preset in (*.fxp) file format.

Load Bank

Load an bank (*.fxb).

Save Bank

Save the bank of presets in a file (*.fxb).

Notes

Open a pop-up where you can write the author name of the preset and notes.

Preset Selector

Display a pop-up menu with all the presets in the current bank. Click on one to select it as the current preset.

Current Preset Name

Display the name of the current preset. Click on it to rename the preset.

FM

Select one of the 7 waveforms available for the FM modulator.

Noise

Select one of the 2 different noise types of the noise oscillator, White or Pink.

Filter

Select one of the 3 filter mode types, lowpass, highpass or bandpass.

Drive

Select one of the 3 distortion types. Overdrive, Hardclip or Foldback.

Velocity

Activate the velocity mode. When the velocity is on the output level is controled by the MIDI velocity.

Sustain

Activate the envelope sustain. When activated the sound is sustained between each notes.

SHAPE

Select the sound basic waveform. You can choose between Sine, Triangle, Saw and Pulse.

SHAPER

Tone

Change the pitch of the oscillator of +/- 2 octave. The centre position is at 0, turn it clockwise to make the pitch higher and anti-clockwise to make the pitch lower.

Decay

Control the decay time, quickest to slowest.

Release

Control the release time, quickest to slowest. This is the time taken to decrease to zero after the key is released.

Color

Colorize the sound from dark tone at left to brighter at right.

FM

Frequency

Change the modulator frequency from -3 octaves at full left to +3 octaves at full right.

Depth

Control the depth of the modulation from 0 to 100 %.

EFFECTS

Syntik-DR come with four effects.

Filter

Changes the cut-off point of the selected filter.
For low-pass filters, this means that frequencies above the cut-off point are attenuated.
For high-pass filters, that frequencies lower than the cut-off point are attenuated.
For a band-pass filter, frequencies outside a certain range upper and lower than the cut-off point are attenuated.

Crush

Control the bits crusher from full resolution to 4bits. This effect is used to create low-fi sound, usefull to create drum sounds found on old video games for example.

Boost

Control the amount of the bass boost from 0% to 100%. This effect boost bass frequencies when is turned on to give punch to your sound when is needed.

Drive

Control the distortions drive amount from -20dB to +30dB.

AMP

Noise

Control the volume of the noise oscillator.

Level

Control the output volume. If you turn the knob to high the sound can be distorted.

MIDI

Syntik-DR have integrated MIDI learn and full automation on all parameters.

Integrated MIDI learn

All controls can be controlled by an external MIDI controller easily, simply right click on the parameters you want to control and the Learn pop-up menu appear.

Learn

Click on Learn, move a control on your MIDI device and it will automatically assigned.

UnLearn

Click on UnLearn will clear the controller.

Some hosts (like FL Studio) filters MIDI CC messages coming from MIDI controller, integrated MIDI learn can't work properly in such hosts.

Edit...

Click on Edit will open the Assign Controller dialogue.
You can change manually the MIDI controllers using 7-bit MIDI Continuous Controller or High resolution 14-bit MIDI NRPN and RPN.

Automation

Each controls can be automated using your host automation features. Consult your host documentation for information on how to do this.

Updates and Support

Updates will be made available online on your account at http://tekit-audio.com/my-ta/

When a new update is released you will receive an email to notify you of its availability.

Additionally you can follow us on Twitter for instant updates and news at http://twitter.com/TekitAudio

For any help and support consult our online support at http://tekit-audio.com/support/

For ideas, complaints, sound demo, presets and anything you feel is worth sharing, please use our contact form at http://tekit-audio.com/contact-us/

If you prefer, you can contact our team directly by email at contact@tekit-audio.com

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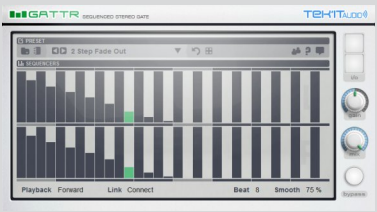
Other Products



GattR

Sequenced stereo gate

Genobazz 2

Monophonic bass synthesizer

Genobazz R

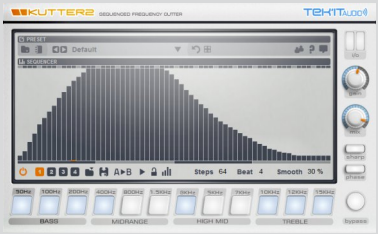
Monophonic bass synthesizer

Arp-EG classic

Classic MIDI arpeggiator

Badass 2

Filter and distortion effects



Kutter 2

Sequenced frequency cutter

8eqf

8 band semi-parametric equalizer

8eqp

8 band parametric equalizer

8kut

8 pads frequency cutter

APC

DIY punk console synthesizer

DubSiren

Dub siren synthesizer

RECsoprano

Soprano recorder

Credits

Development & Design
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Product Management
Michaël Dubois

Additional Softwares
Jeff McClintock
Jordan Russell
Peter Schoffhauzer

Graphic Design
Michaël Dubois

Sound Design
AbstractCats
Audioware
John Finter
Michaël Dubois

Software Test
AbstractCats
John Finter
Michaël Dubois

Documentation
Michaël Dubois

Demo Materials

Michaël Dubois

Special Thanks to

Everyone else who has contributed to the "Syntik-DR" development in any way.

Create, play !

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